

LAND APPLICATION SITE

R. FRANK ZITTA

DWRFZ 1 - 9

DINWIDDIE COUNTY

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 8-17-20 between Ramon Franklin Zitta referred to here as "Landowner", and Recyc Systems, Inc. referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:

The Landowner is the owner of record of the real property located in Dowdell, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) with county documentation identifying owners, attached as Exhibit A.

Table 1: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
<u>34-1</u>			
<u>34-2B</u>			
<u>34-2</u>			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one: ☒ The Landowner is the sole owner of the properties identified herein.
☐ The Landowner is one of multiple owners of the properties identified herein.

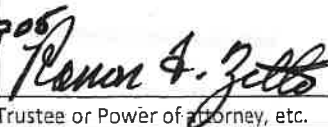
In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.


Class B biosolids Water treatment residuals Food processing waste Other industrial sludges
☒ Yes ☐ No ☒ Yes ☐ No ☒ Yes ☐ No ☒ Yes ☐ No

Printed name <u>Ramon Franklin Zitta</u>	Mailing Address <u>11401 Utaghau Rd N. Dinwiddie VA 23805</u>	Landowner Signature 
By: Title*	Phone No. <u>804-720-4605</u>	
<input type="checkbox"/> I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc. <input type="checkbox"/> I certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.		

Permittee:

Recyc Systems, Inc., the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

Printed name <u>Susan Trumbo</u>	Mailing Address <u>PO Box 562, Remington Virginia 22734</u>	Permittee- Authorized Representative Signature 
Title <u>Technical Manager</u>	Phone No. <u>540-547-3300</u>	

Permittee: Recyc Systems, Inc

County or City: Dinwiddie

Landowner: Ramon Franklin Zitta

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. **Notification Signs:** I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. **Public Access**
 - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
 - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
 - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. **Crop Restrictions:**
 - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
 - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
 - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
 - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
 - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. **Livestock Access Restrictions:**

Following biosolids application to pasture or hayland sites:

 - a. Meat producing livestock shall not be grazed for 30 days,
 - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
 - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Ramon F Zitta
Landowner's Signature

8-17-20
Date

Ramon F Zitta 11401 VAUGHAN RD
Operator's Signature N. Dinwiddie VA
mailing address & phone

8-17-20
Date

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 12/16/11 between R. Franklin Zitta Jr. referred to here as "Landowner", and Recyc Systems, Inc. referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:

The Landowner is the owner of record of the real property located in Dinwiddie Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges

Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
47-50			
47-51			
47-56			
47-52			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

☐ The Landowner is the sole owner of the properties identified herein.

☒ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

R. FRANKLIN ZITTA JR.
Landowner - Printed Name, Title

R. Franklin Zitta Jr.
Signature

24019 MERTON LANE
NORTH DINWIDDIE VA. 23503
Mailing Address & Phone Number
804-691-6352

Permittee:

Recyc Systems, Inc. the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Strumbo
Permittee - Authorized Representative
Printed Name

[Signature]
Signature

PO Box 562 Remington, Virginia 22734
Mailing Address

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Recyc Systems, Inc

County or City: PINWIDDIE

Landowner: R. FRANKLIN ZITTA JR

Landowner Site Management Requirements:

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1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
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 - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
 - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
 - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
 - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
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6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

R. Franklin Zitta Jr.
Landowner's Signature

12-19-16
Date

Ramon F. Zitta
Farm Operator Signature

11401 VAUGHAN ROAD
NORTH PINWIDDIE VA 23805

Mailing Address & Phone Number

804-733-3813

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

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Landowner:

The Landowner is the owner of record of the real property located in Dinwiddie, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges

Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
47-50	34-2B		
47-55	34-2		
47-56			
47-52			
34-1			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☐ The Landowner is the sole owner of the properties identified herein.
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In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

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<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

R. FRANKLIN ZITTA JR. R. Franklin Zitta Jr. 24019 MERTON LANE
Landowner - Printed Name, Title Signature Mailing Address & Phone Number

Permittee:

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☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Stanko Stanko PO Box 562 Remington, Virginia 22734
Permittee - Authorized Representative Signature Mailing Address
Printed Name

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Recyc Systems, Inc

County or City: DINWIDDIE

Landowner: R. FRANKLIN ZITTA JR

Landowner Site Management Requirements:

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 - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
 - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
 - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
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6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

R. Franklin Zitta Jr.
Landowner's Signature

12-19-16

Date

Josephine L. Zitta

Ramon F. Zitta
Farm Operator Signature


11401 VAUGHAN ROAD
NORTH DINWIDDIE VA 23805

Mailing Address & Phone Number

804-733-3813

FARM DATA SHEET

SITE NAME:	R. Frank Zitta	COUNTY:	Dinwiddie
OWNER:	See List Below	OPERATOR:	R. Frank Zitta
OWNER'S ADDRESS:	See List Below	OPERATOR'S ADDRESS:	11401 Vaughan Road N. Dinwiddie, VA 23805
OWNER'S TELEPHONE:	See List Below	OPERATOR'S TELEPHONE:	804-733-3813
GENERAL FARM TYPE:	Crops & Pasture	CELL PHONE:	804-720-4605
# CATTLE:	30	EMAIL:	-
LAGOON or SLURRY:	None	LATITUDE:	37.162 F 1-5 37.110 F 6-9
TOPO QUAD:	Petersburg, Carson & Sutherland	LONGITUDE:	-77.488 F 1-5 -77.464 F 6-9
COMMENTS:	METHOD OF DETERMINATION: Online Maps		
Ramon Franklin Zitta 11401 Vaughan Road N. Dinwiddie, VA 23805 804-720-4605	Josephine Lydia Zitta 11401 Vaughan Road N. Dinwiddie, VA 23805 804-720-4605	R. Franklin Zitta Jr. 24019 Merten Lane North Dinwiddie, VA 23803 804-619-6352	

AB/BB 
8-27-20

NEW FIELD CHANGES

R. FRANKLIN ZITTA

DINWIDDIE COUNTY

NEW FIELD 1 IS PART OF OLD FIELD 3.

NEW FIELD 2 IS PART OF OLD FIELD 3.

NEW FIELD 3 IS PART OF OLD FIELD 2.

NEW FIELD 4 IS PART OF OLD FIELD 2.

NEW FIELD 5 IS OLD FIELD 1.

NEW FIELD 6 IS OLD FIELD 6 AND PART OF OLD FIELD 6.

NEW FIELD 7 IS OLD FIELD 6.

NEW FIELD 8 IS OLD FIELD 7.

NEW FIELD 9 IS OLD FIELD 8.

RECYC SYSTEMS, INC

FIELD DATA SHEET

Field Identification	Gross Acres	Environmentally Sensitive Soils				Hydro Map	Tax Map #	FSA Tract #
		Water Table	Bed Rock/ Shallow	Surf/ Leach	Freq Flood			
DWRFZ 1N	12.7	12A Dec-Mar. 17A Nov-April	-	-	-	CU 26	34-2	T 1439 F 4
DWRFZ 2N	8.2	12A Dec-Mar.	-	-	-	CU 26	34-2 34-2B	T 1439 F 2, 4
DWRFZ 3N	3.7	12A Dec-Mar.	-	-	-	CU 26	34-1 34-2	T 1439 F 1, 3
DWRFZ 4N	5.9	12A Dec.-Mar. 12B Dec-Mar.	-	-	-	CU 26	34-1	T 1439 F 1
DWRFZ 5N	7.8	12B Dec-Mar	-	-	-	CU 26	34-1	T 1439 F 1
DWRFZ 6	13.9	12A Dec.-Mar. 12B Dec.-Mar. 12C Dec-Mar. 17A Nov-Apr.	-	-	-	CU 26	47-50	T 1852 F 1, 2, 10
DWRFZ 7N	8.1	12A Dec-Mar.	-	-	-	CU 26	47-50 47-55	T 1852 F 3, 5
DWRFZ 8N	5.3	12A Dec-Mar.	-	-	-	CU 26	47-50 47-52	T 1852 F 6, 11
DWRFZ 9	6.5	12A Dec-Mar. 16A Nov-May	-	-	-	CU 26	47-55	T 1852 F 7, 9
TOTAL ACRES IN SITE	72.1							

3-2-21

Landowner Coordination Form

Permittee: Recyc Systems, Inc.

County or City: Dinwiddie

Signature not required on this page

[illegible]

THE PLANNER IS NOT STATE CERTIFIED

Nutrient Management Plan Balance Sheet
(Fall, 2020-Winter, 2022)
R. Franklin Zitta
Planner: John Doe

Tract: 1439 Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
4/DWRFZ 1(N)	13/13	2020 2021	Wheat (grain)	100-60-60	20/0				80-60-60	N/A			
2, 4/DWRFZ 2(N)	8/8	2020 2021	Wheat (grain)	100-60-60	20/0				80-60-60	N/A			
1, 3/DWRFZ 3(N)	4/4	2020 2021	Wheat (grain)	100-60-60	20/0				80-60-60	N/A			
1/DWRFZ 4(N)	6/6	2020 2021	Wheat (grain)	100-60-60	0/0				100-60-60	N/A			
1/DWRFZ 5(N)	8/8	2020	Hay/Pasture	120-80-170	0/0				120-80-170	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 1852

Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
1, 2, 10/DWRFZ 6(N)	14/14	2020	Grass Pasture	50-80-80	0/0				50-80-80	N/A			
3, 5/DWRFZ 7(N)	8/8	2020	Grass Pasture	50-80-80	0/0				50-80-80	N/A			
6, 11/DWRFZ 8(N)	5/5	2020	Grass Pasture	50-80-80	0/0				50-80-80	N/A			
7, 9/DWRFZ 9(N)	7/7	2020	Grass Pasture	50-30-40	0/0				50-30-40	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Soil Test Summary

Tract	Field	Acre	Date	P2O5	K2O	Lab	Soil pH	Lime Date	rec. lime tons/Ac
1439	DWRFZ 1	13	[No Test]						
1439	DWRFZ 2	8	[No Test]						
1439	DWRFZ 3	4	[No Test]						
1439	DWRFZ 4	6	[No Test]						
1439	DWRFZ 5	8	[No Test]						
1852	DWRFZ 6	14	[No Test]						
1852	DWRFZ 7	8	[No Test]						
1852	DWRFZ 8	5	[No Test]						
1852	DWRFZ 9	7	[No Test]						

Field Productivities for Major Crops

Tract Name	Tract/ Field	Field Name	Acres	Predominant Soil Series	Corn	Small Grain	Alfalfa	Grass Hay	Environmental Warnings
1439	1439/4	DWRFZ 1	13	Emporia	IIIa	II	III	II	
	1439/2, 4	DWRFZ 2	8	Mattaponi	IIIa	II	III	II	
	1439/1, 3	DWRFZ 3	4	Mattaponi	IIIa	II	III	II	
	1439/1	DWRFZ 4	6	Mattaponi	IIIa	II	III	II	
	1439/1	DWRFZ 5	8	Mattaponi	IIIa	II	III	II	
1852	1852/1, 2, 1	DWRFZ 6	14	Mattaponi	IIIa	II	III	II	
	1852/3, 5	DWRFZ 7	8	Mattaponi	IIIa	II	III	II	
	1852/6, 11	DWRFZ 8	5	Mattaponi	IIIa	II	III	II	
	1852/7, 9	DWRFZ 9	7	Mattaponi	IIIb	III	III	III	

Yield Range

Field Productivity Group	Corn Grain Bu/Acre	Barley/Intensive Wheat Bu/Acre	Std. Wheat Bu/Acre	Alfalfa Tons/Acre	Grass/Hay Tons/Acre
I	>170	>80	>64	>6	>4.0
II	150-170	70-80	56-64	4-6	3.5-4.0
III	130-150	60-70	48-56	<4	3.0-3.5
IV	100-130	50-60	40-48	NA	<3.0
V	<100	<50	<40	NA	NA

Farm Summary Report

Plan: **New Plan** **Fall, 2020 - Winter, 2022**

Farm Name: **R. Franklin Zitta**

Location: Dinwiddie

Specialist: John Doe

N-based Acres: 72.1

P-based Acres: 0.0

Tract Name: **1439**

FSA Number: 1439

Location: Dinwiddie

Field Name: **DWRFZ 1**

Total Acres: 12.70 Usable Acres: 12.70

FSA Number: 4

Tract: 1439

Location: Dinwiddie

Slope Class: A Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
62	5A	Emporia
33	12A	Mattaponi
5	17A	Slagle

Field Warnings:

Field Name: DWRFZ 2

Total Acres: 8.20 Usable Acres: 8.20

FSA Number: 2, 4

Tract: 1439

Location: Dinwiddie

Slope Class: A Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
79	12A	Mattaponi
21	5A	Emporia

Field Warnings:

Field Name: DWRFZ 3

Total Acres: 3.70 Usable Acres: 3.70

FSA Number: 1, 3

Tract: 1439

Location: Dinwiddie

Slope Class: A Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
8	5A	Emporia
92	12A	Mattaponi

Field Warnings:

Field Name: DWRFZ 4

Total Acres: 5.90 Usable Acres: 5.90

FSA Number: 1

Tract: 1439

Location: Dinwiddie

Slope Class: A Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
52	12A	Mattaponi

10	12B	Mattaponi
37	5A	Emporia

Field Warnings:

Field Name: DWRFZ 5

Total Acres: 7.80 Usable Acres: 7.80

FSA Number: 1

Tract: 1439

Location: Dinwiddie

Slope Class: B Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
41	5A	Emporia
59	12B	Mattaponi

Field Warnings:

Tract Name: 1852

FSA Number: 1852

Location: Dinwiddie

Field Name: DWRFZ 6

Total Acres: 13.90 Usable Acres: 13.90
FSA Number: 1, 2, 10
Tract: 1852
Location: Dinwiddie
Slope Class: A Hydrologic Group: C

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
39	5A	Emporia
18	12A	Mattaponi
19	12B	Mattaponi
4	12C	Mattaponi
21	17A	Slagle

Field Warnings:

Field Name: DWRFZ 7

Total Acres: 8.10 Usable Acres: 8.10
FSA Number: 3, 5
Tract: 1852

Location: Dinwiddie
Slope Class: A Hydrologic Group: C

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
99	12A	Mattaponi
1	5A	Emporia

Field Warnings:

Field Name: DWRFZ 8

Total Acres: 5.30 Usable Acres: 5.30

FSA Number: 6, 11

Tract: 1852

Location: Dinwiddie

Slope Class: A Hydrologic Group: C

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
33	5A	Emporia
67	12A	Mattaponi

Field Warnings:**Field Name: DWRFZ 9**

Total Acres: 6.50 Usable Acres: 6.50

FSA Number: 7, 9

Tract: 1852

Location: Dinwiddie

Slope Class: A Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

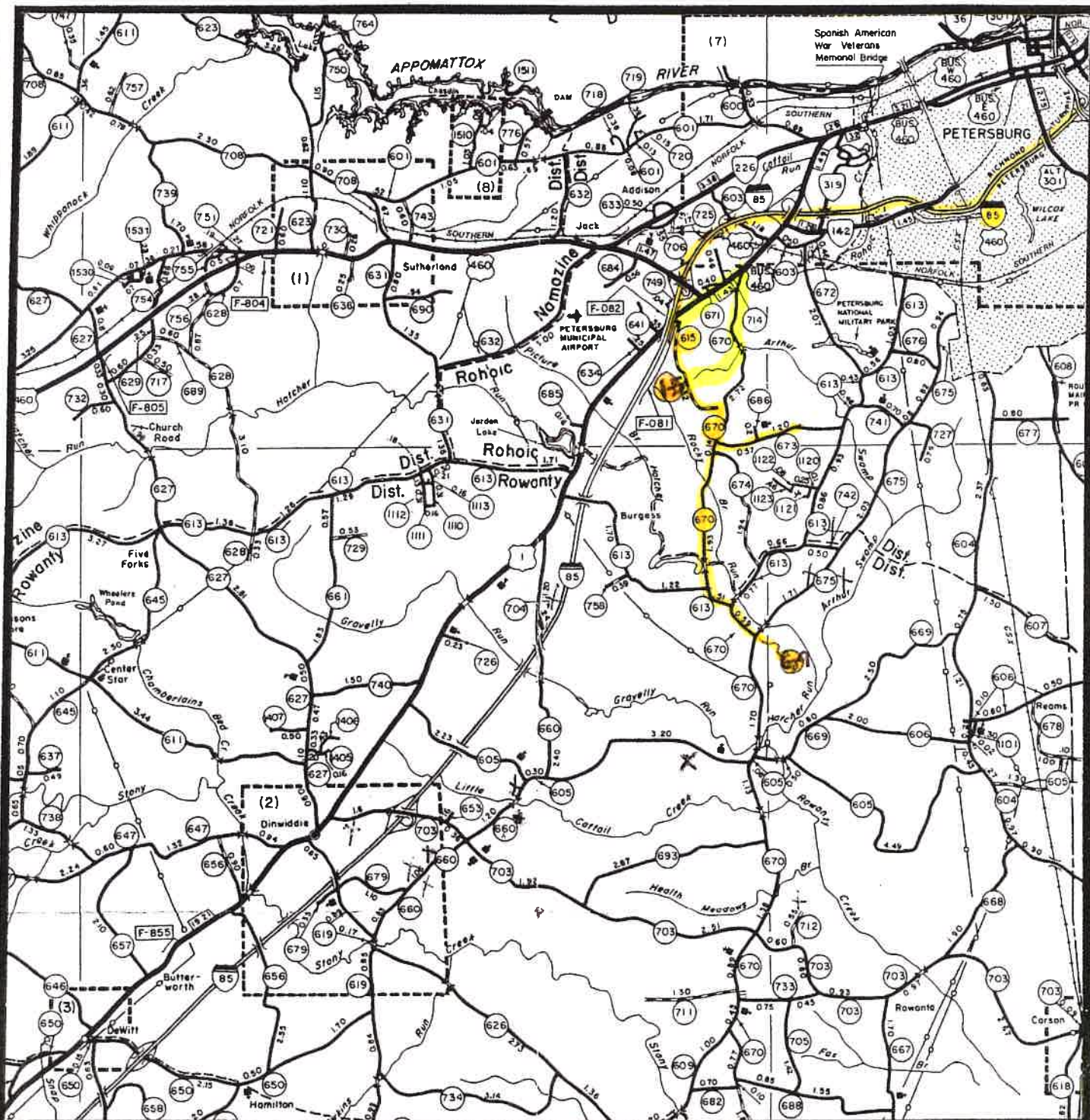
PERCENT	SYMBOL	SOIL SERIES
87	12A	Mattaponi
13	16A	Roanoke

Field Warnings:

MAPS

Recyc SystemsTM Inc.

(Biosolids Land Application)



Scale: 1 inch = 2 miles

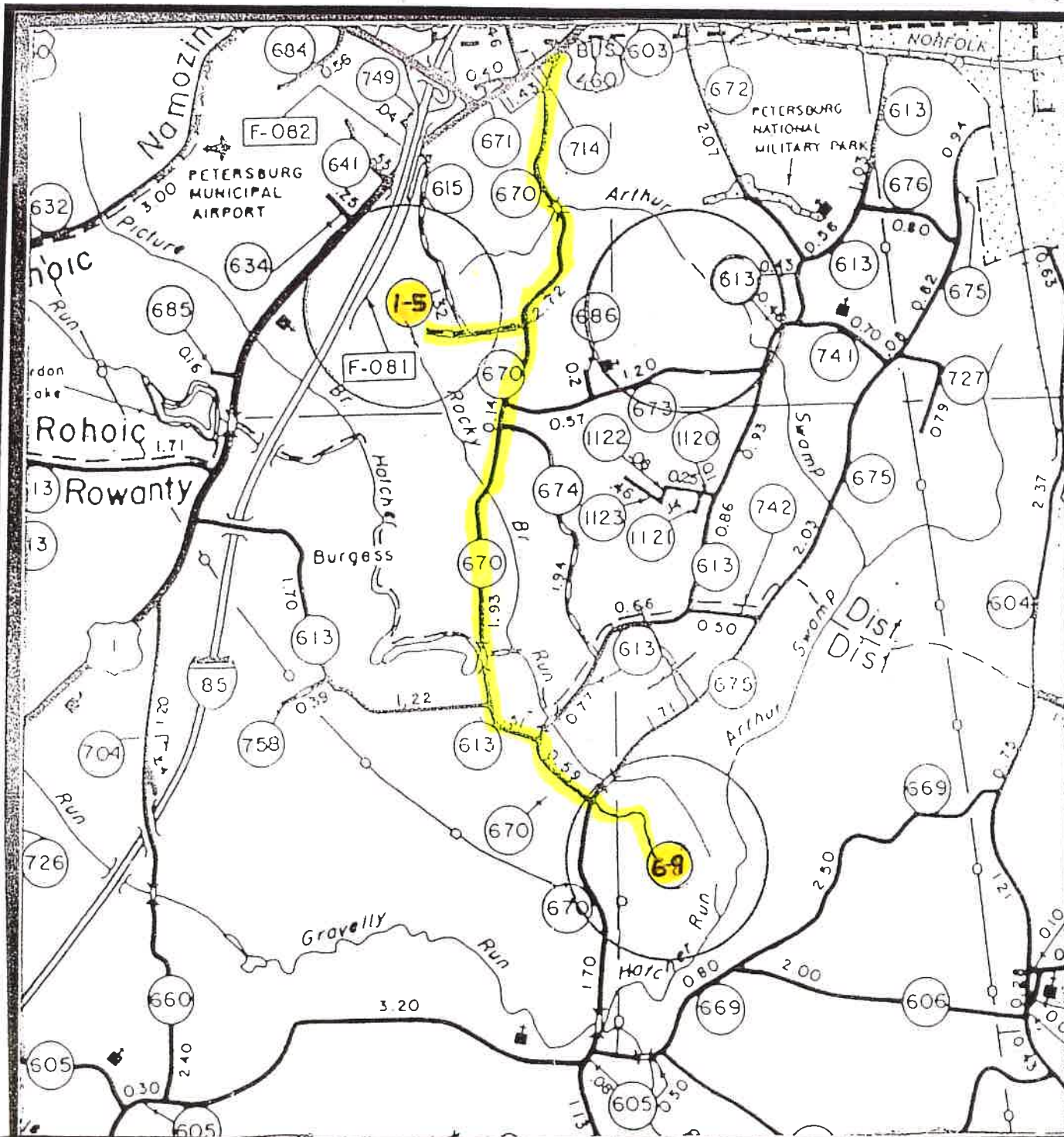
DWRFZ 1- 9

8-21-20

VICINITY MAP



Inc. (Biosolids Land Application)



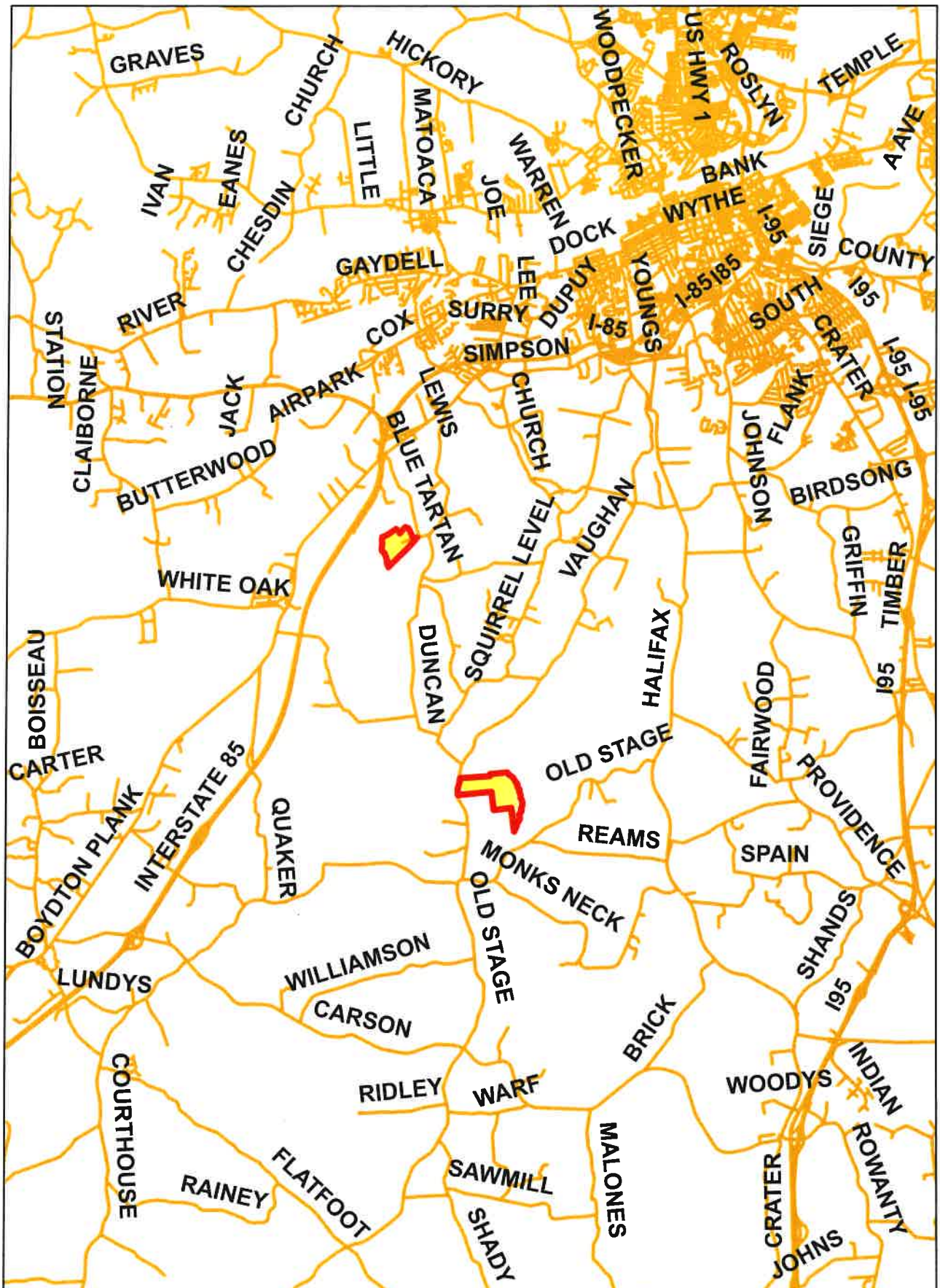
DWR FZ 1-9

8-21-20

Truck Route

VICINITY MAP

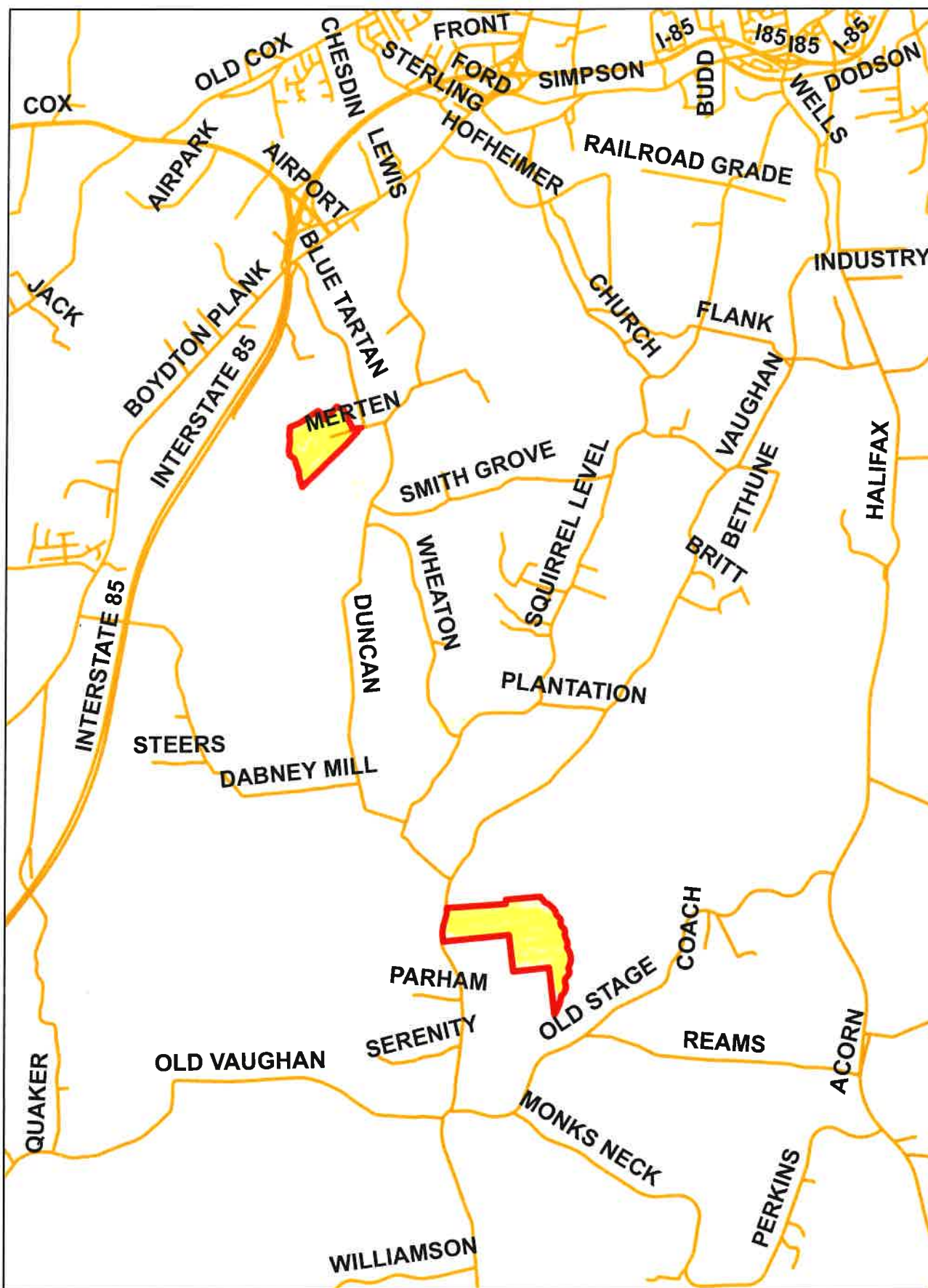




8-21-20

Vicinity Map

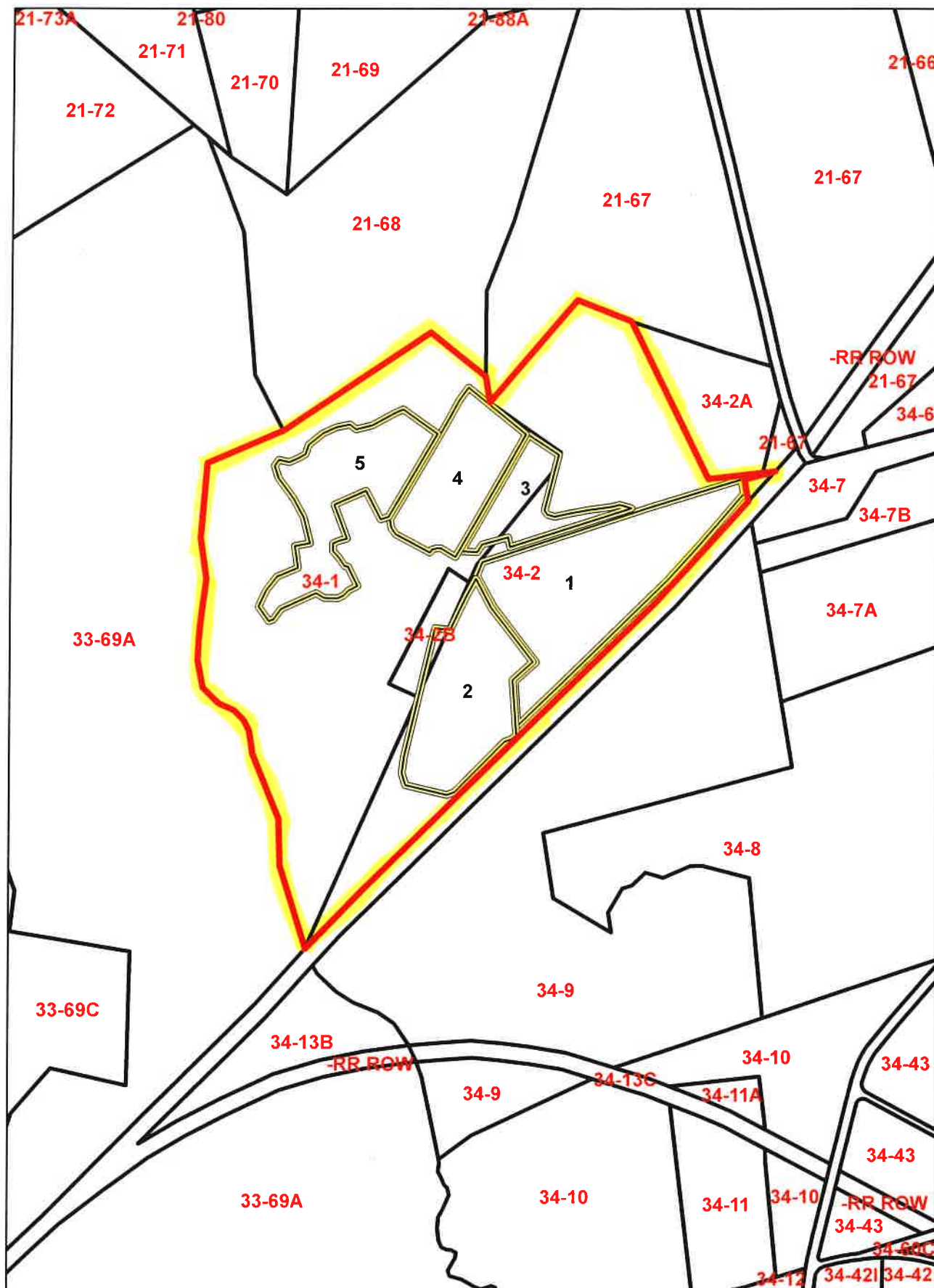
1 in = 2 miles



8-21-20

Vicinity Map

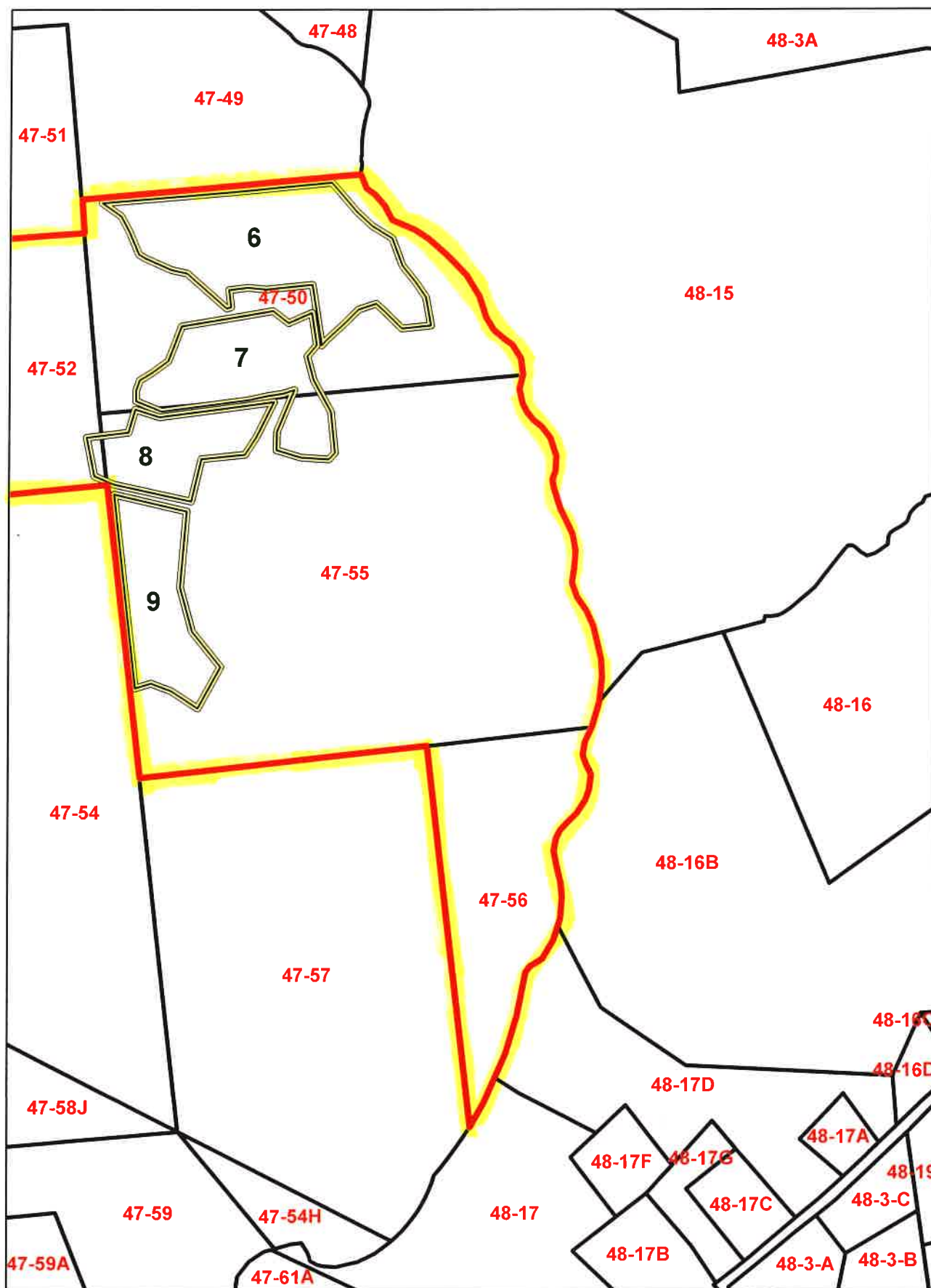
1 in = 1 miles



8-21-20

Tax Map

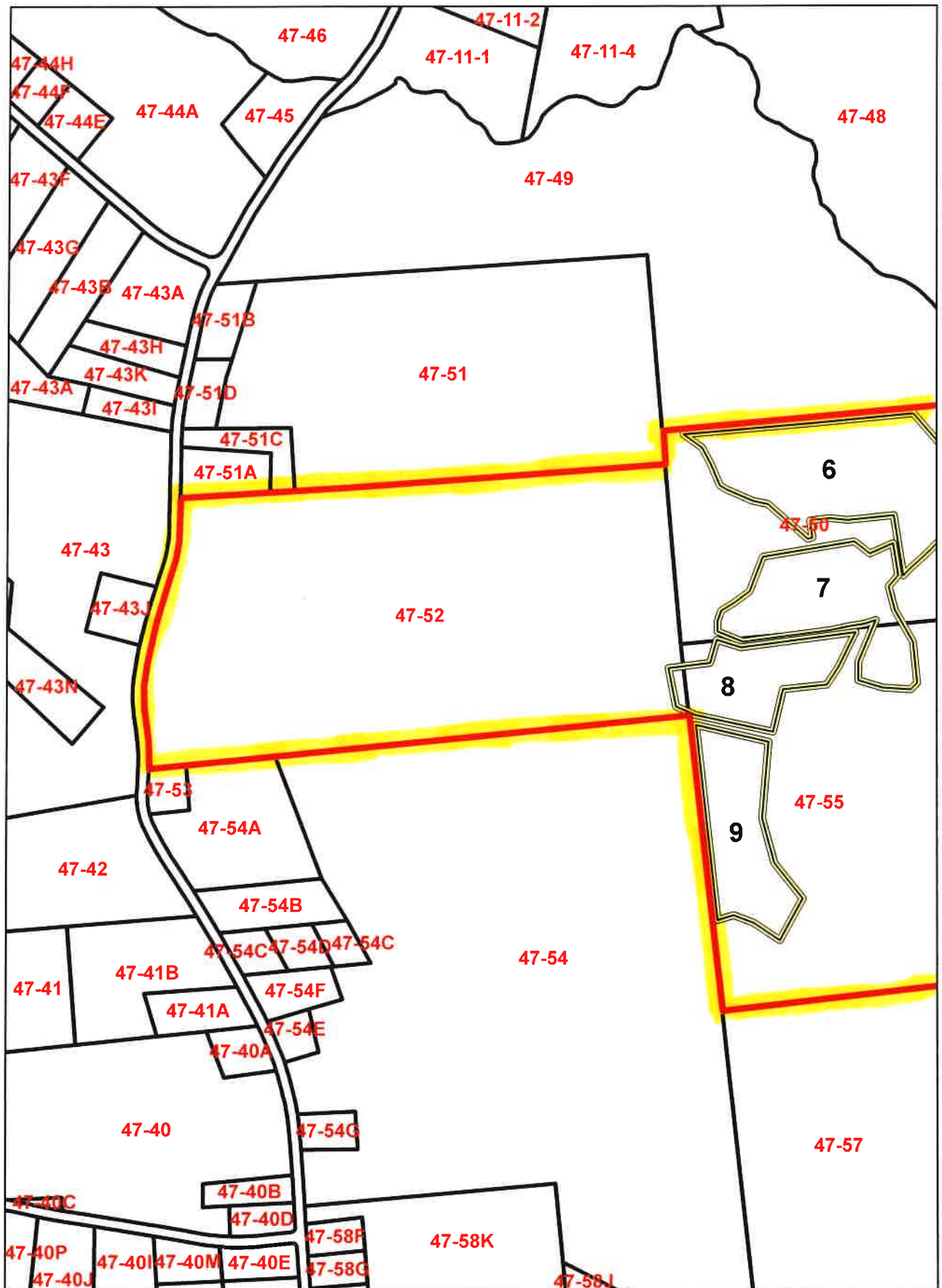
1 in = 660 feet



8-21-20

Tax Map

1 in = 660 feet



8-21-20

Tax Map

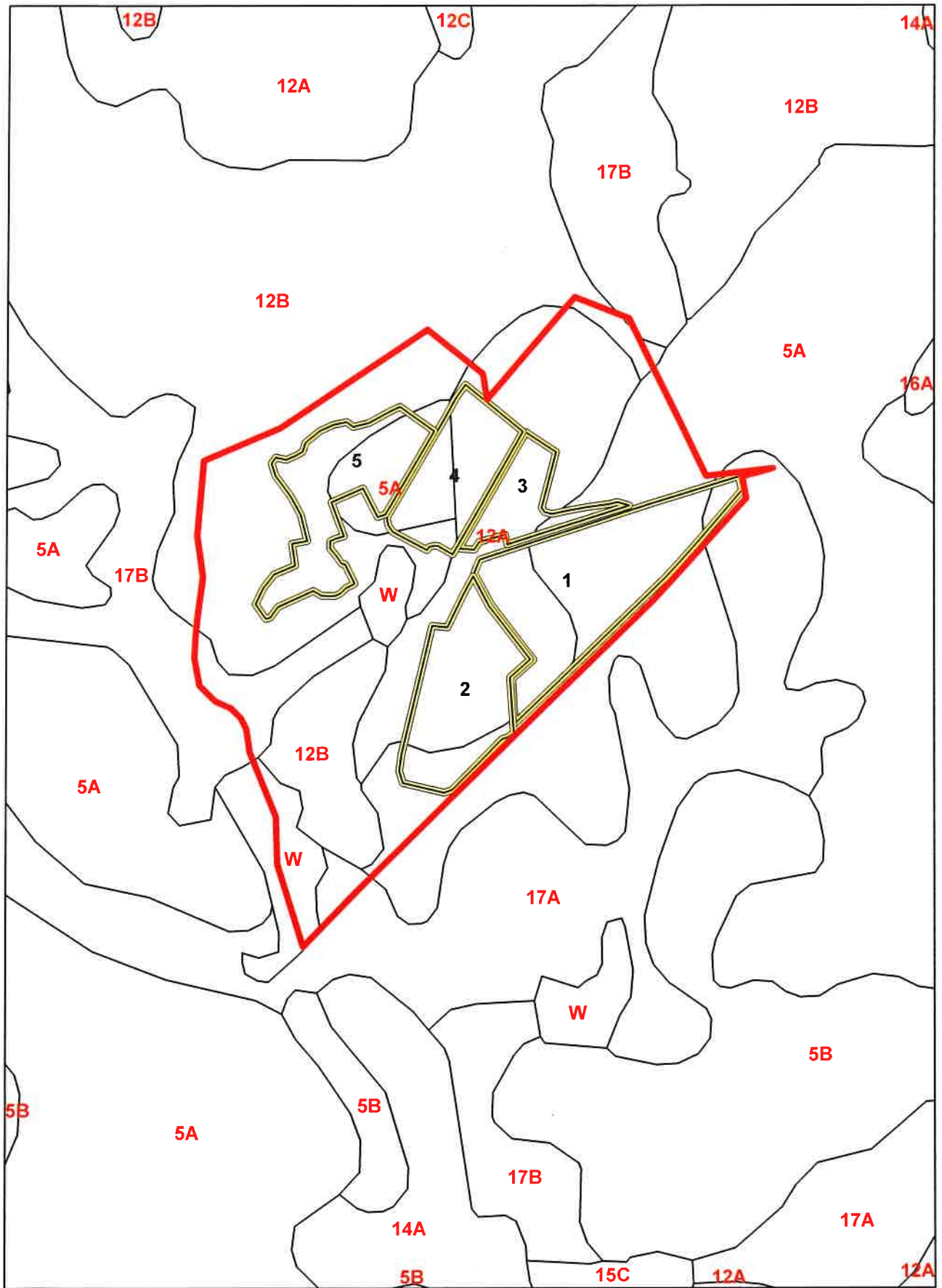
1 in = 660 feet

ADJOINING LANDOWNERS

R. Frank Zitta

Dinwiddie County

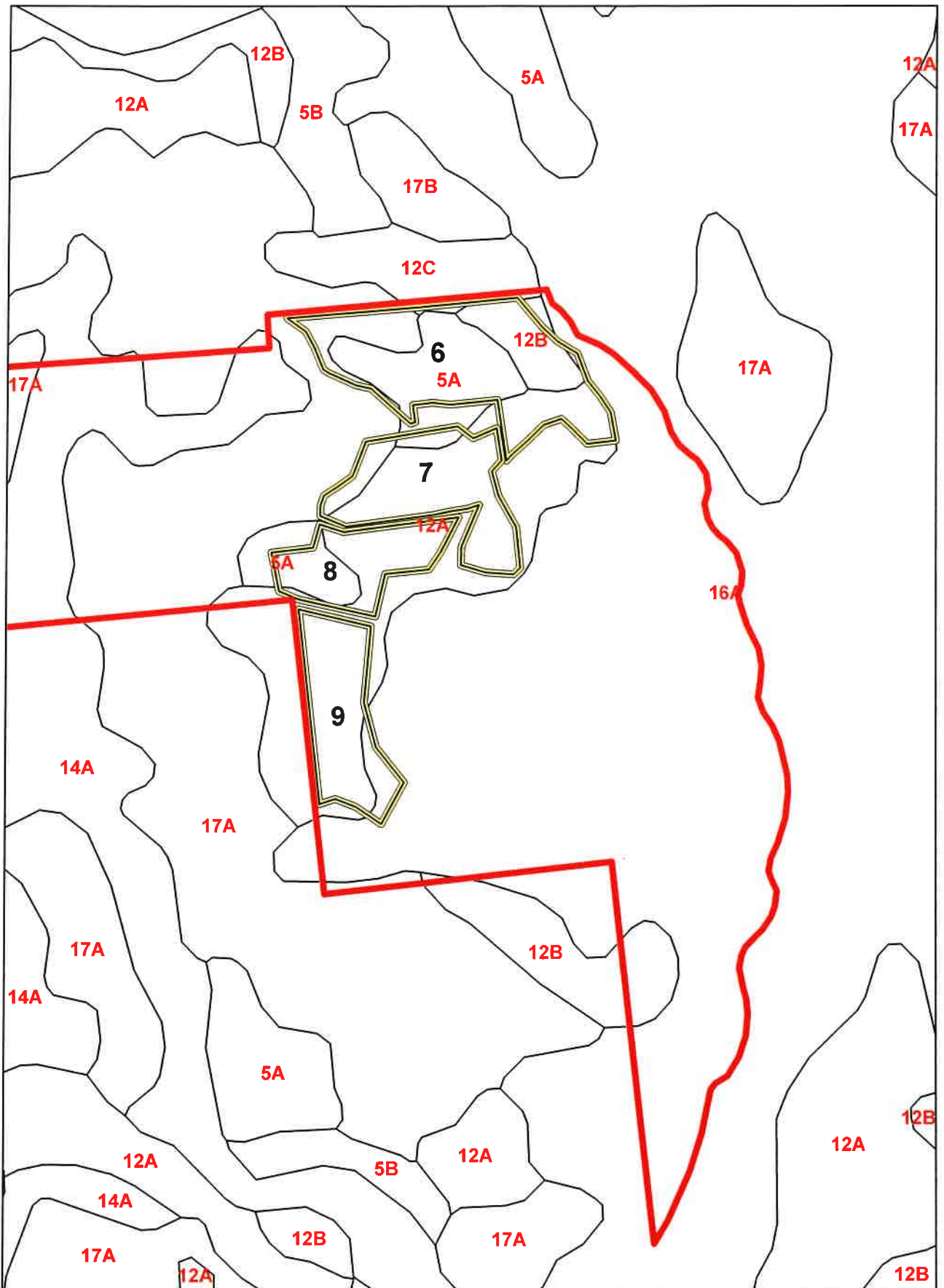
Tax Map	Parcel #	Owner Name(s)
21	67	First Manogment Company LC
	68	Herbert H Michaels Jr
33	69A	John R Rogsdale III
34	2A	Kerry L & Shirley H Giannott
	7	Kenneth Avery Smith
	9	Nancy Lewis Coe
	10-1	Baylor Construction LLC
	10-2	Brandon W Scottor Victoria A Duval
	10-3	Baylor Construction LLC
	10-4	Baylor Construction LLC
	13B	John R Rogsdale III
47	43	Pride Family Estate LLC
	43J	Collis I Pride or Glovia B Life Estate
	49	William G Jr Smith & Victor A Slade Jr
	51	Ida Lee Stewart C/O Franklin A Stewart
	51A	James Maurice Parkam
	51C	James Maurice Parkam
	53	Masonic Temple
	54	Orion L Birdsday Jr
	54A	Victor L & Jane R Ritta
	57	W&L Properties LLC
48	15	James Harrison Chappell
	17D1	Chistopher A & Mary E Irivin
	17F	Chistopher A & Mary E Irivin



8-21-20
Frequently
Flooded

Soil Map

1 in = 660 feet

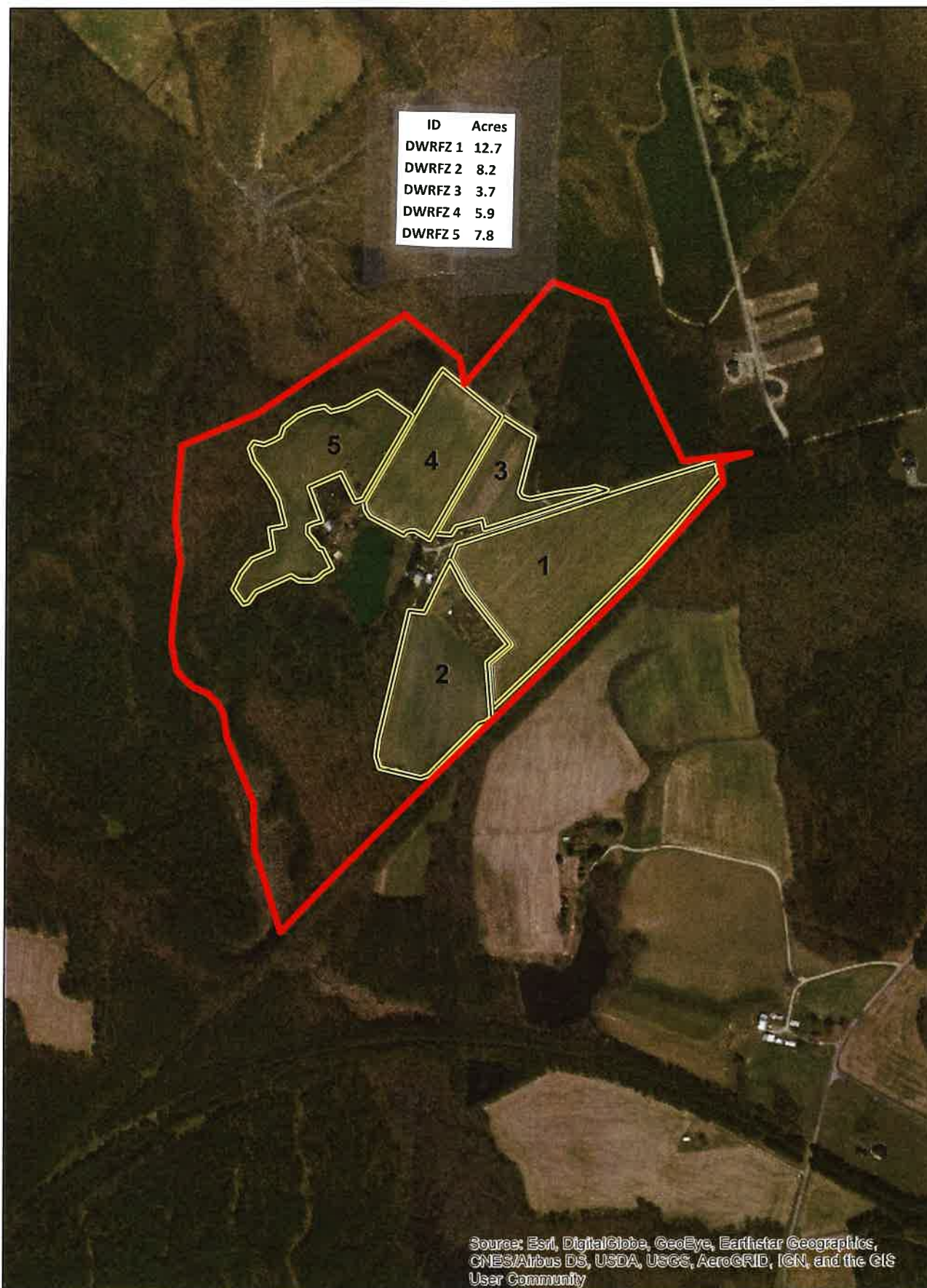


8-21-20

 Frequently
Flooded

Soil Map

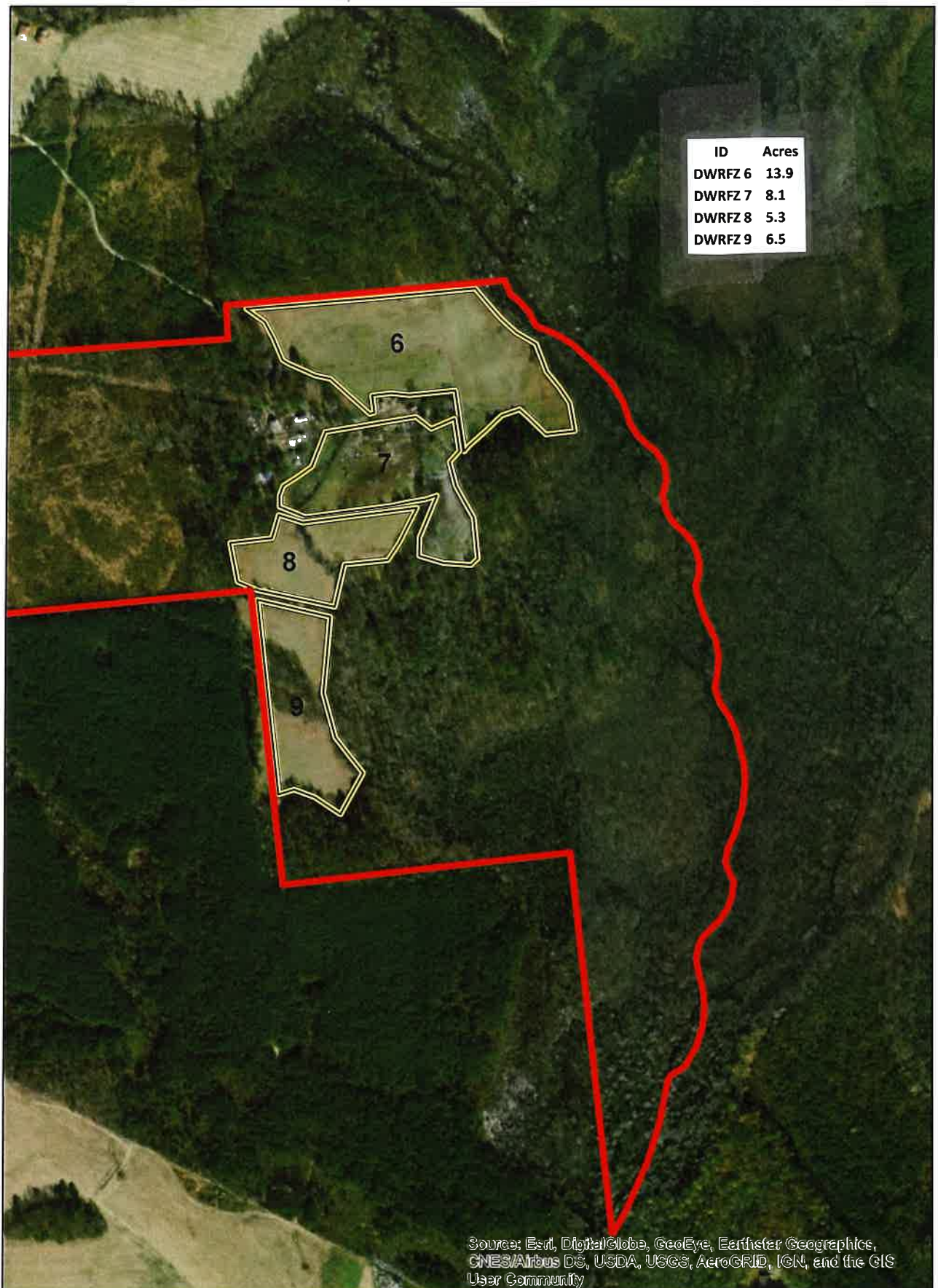
1 in = 660 feet



8-21-20

Aerial Map

1 in = 660 feet



8-21-20

Aerial Map

1 in = 660 feet

Farm 1892
Tract 1439

2020 Program Year
Map Created June 03, 2020

Common Land Unit
Non-Cropland
Cropland
Tract Boundary

Wetland Determination Identifiers
● Restricted Use
▲ Limited Restrictions
■ Exempt from Conservation Compliance Provisions

Tract Cropland Total: 42.51 acres



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Farm 1892

Tract 1852

2020 Program Year

Map Created June 03, 2020

Common Land Unit

- Non-Cropland
- Cropland
- Tract Boundary

Wetland Determination Identifiers













- Restricted Use
- ▲ Limited Restrictions
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 38.21 acres

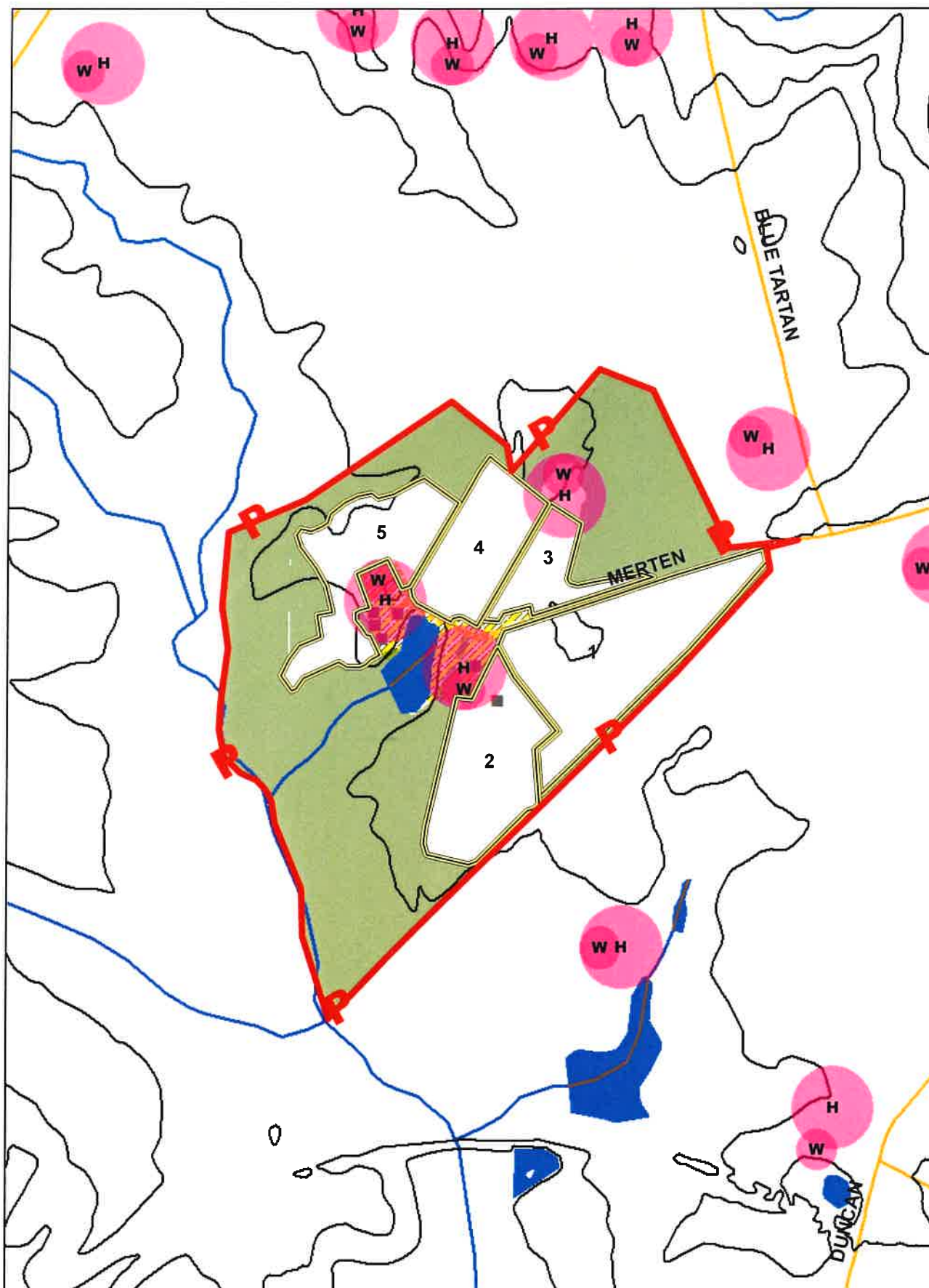


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Legend For Site Plan

Symbol	Feature	Minimum Setback
	House and Well	200 feet from occupied dwelling * 100 feet from water supply wells or springs
 	Well or Spring	100 feet from water supply wells or springs
	Streams or Surface Water	35 feet with 35 foot vegetated buffer 100 feet without vegetated buffer
	Wet Spot	
	Trees and Woods	
	Private Drive	
	Rock Area/Rock Outcrop	25 feet from rock outcrops 50 feet from limestone rock outcrops
	Severely Eroded Spot	18 Inch minimum depth of soil
  	Sink Hole	100 feet from open sinkholes 50 feet from closed sinkholes
	State Road	10 feet from side of roadway
	Fence / Field Boundary	
	Property Line	100 feet from property line *
 	Slope	15% maximum
	Hashed out Area	No application

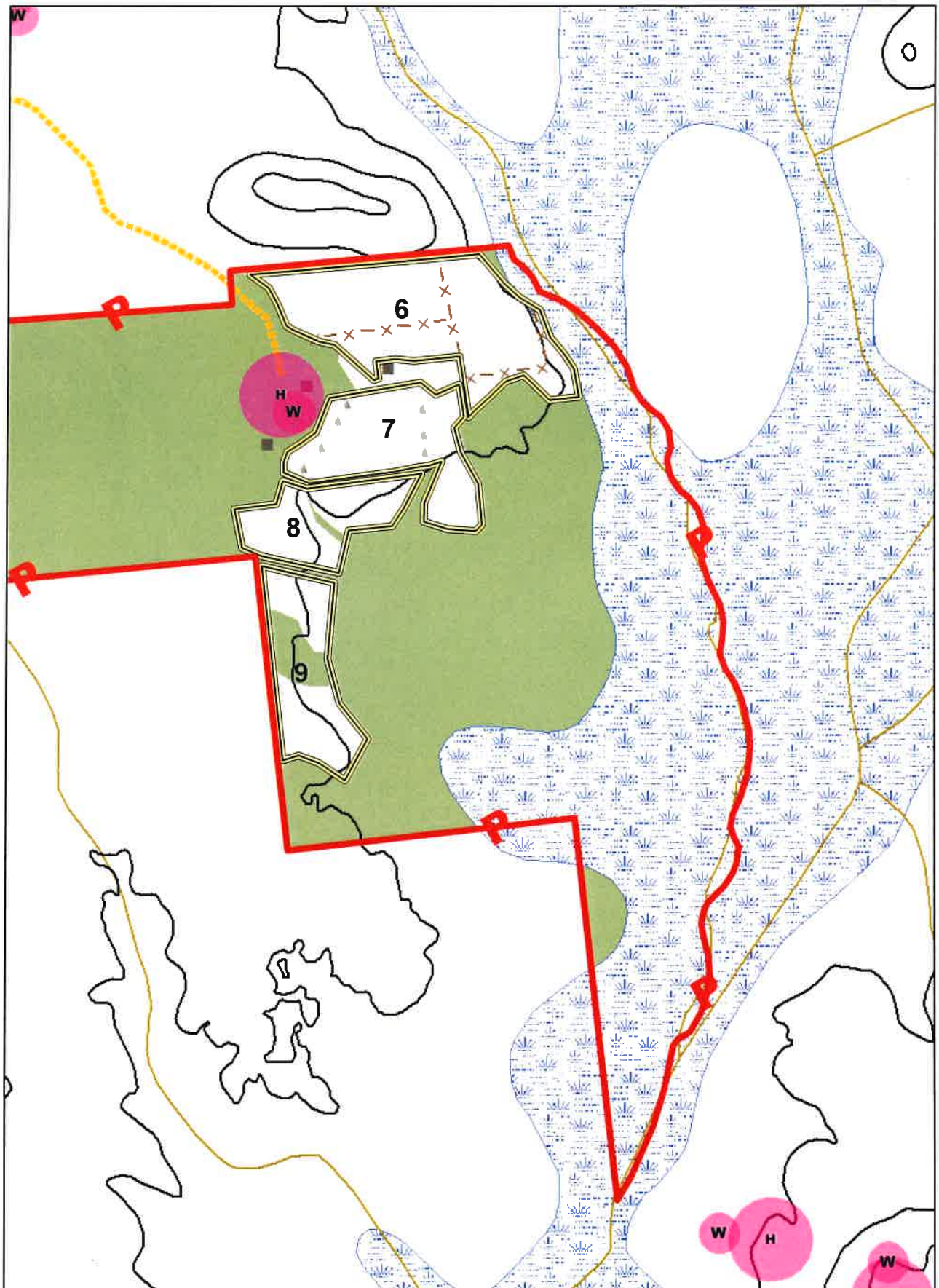
*Buffer can be reduced or waived upon written consent from landowner.



8-21-20

Site Plan

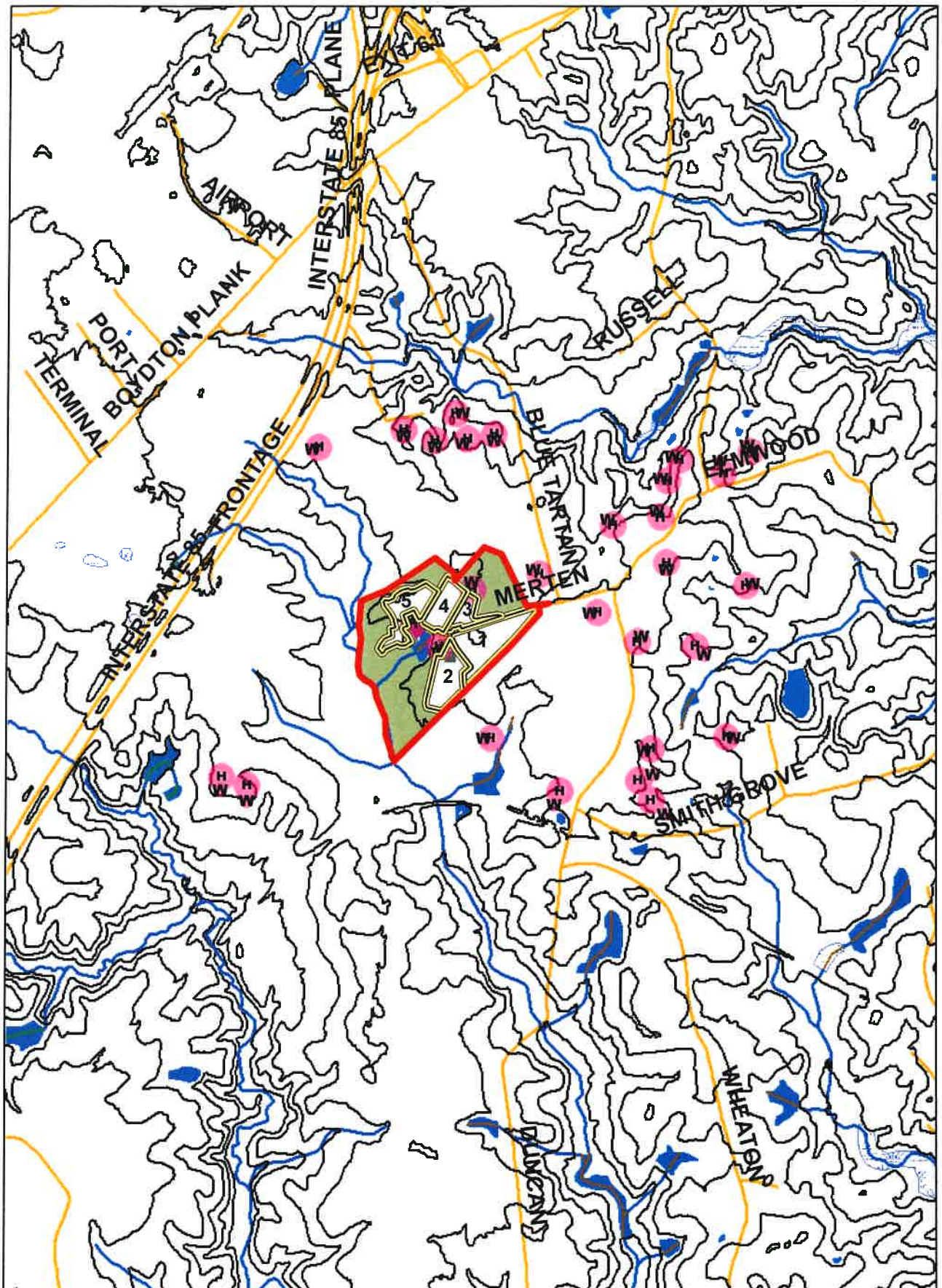
1 in = 660 feet



8-21-20

Site Plan

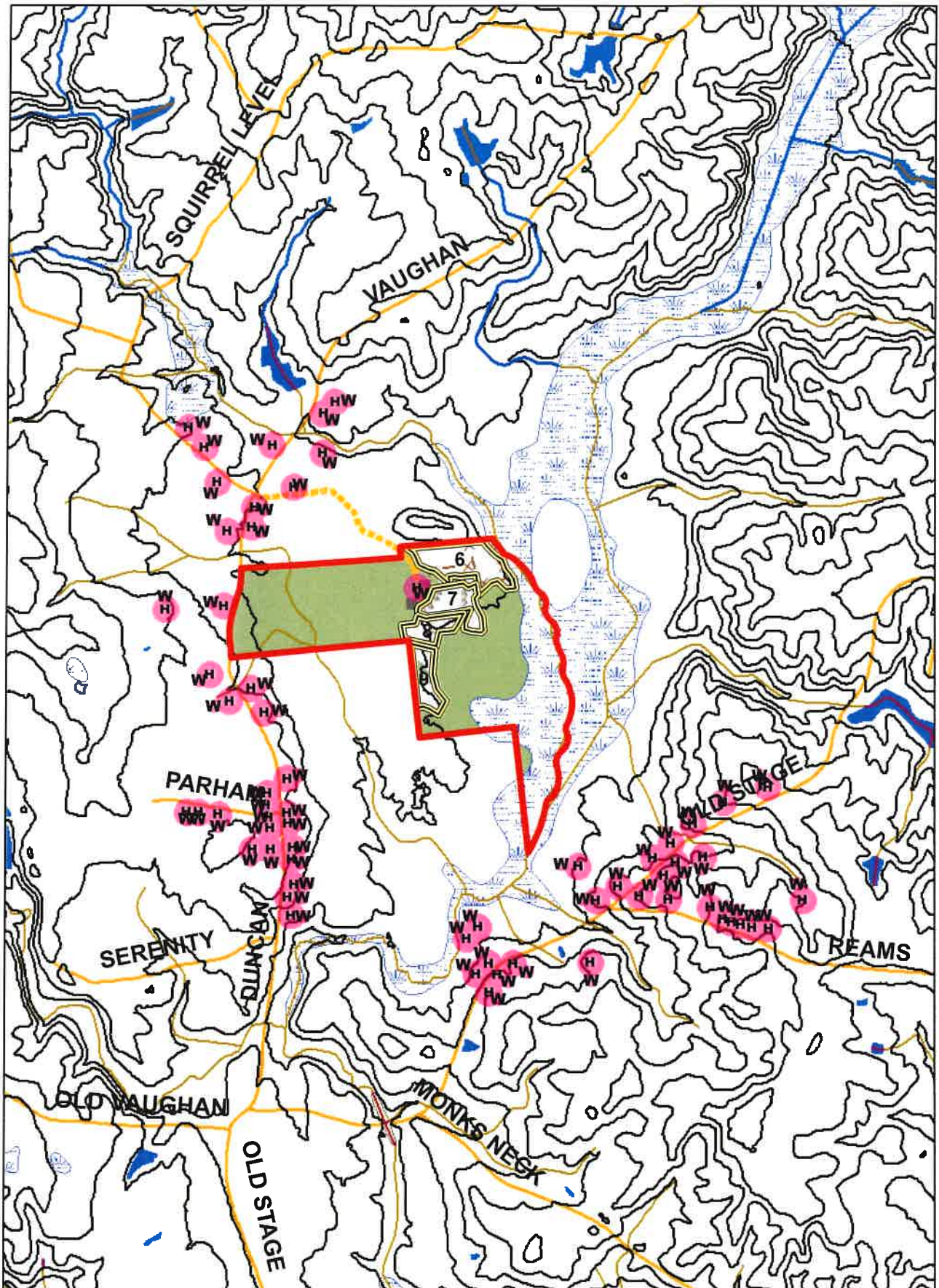
1 in = 660 feet



8-21-20

Topographic Map

1 in = 2,000 feet



8-21-20

Topographic Map

1 in = 2,000 feet